CCS Technical Documentation
RH-27 Series Transceivers

General Information

Issue 1 11/2003 Confidential
©2003 Nokia Corporation

Contents

Page No

Handportables 3
Sales Package 4
Module List 4
Technical Specifications 4
General Specifications of Transceiver RH-27 4
Supported Accessories 5

©2003 Nokia Corporation Confidential

Handportables

The Nokia 6225 (RH-27) offers a CDMA trimode (1900/800 MHz CDMA plus 800 AMPS engine supporting 1XRTT. The RH-27 features an integrated VGA camera, integrated FM radio, high-speed data support, IR support, and RUIM.

RH-27 contains a 128 x 128 color display and has changeable display fonts. There is an internal antenna, GPS (E-911) support, MIDI ringing tones, and an internal vibra.

 ©2003 Nokia Corporation

Sales Package

Name	Type Code	Material Code
Transceiver	RH-27	Customer-speciic
Battery (780 mAh Li-Ion)	BLD-3	0670352
Rapid Performance Charger (US plug)	ACP-12U	0675303

Module List

RH-27 (Nokia 6225)	
A-cover assy	9458989
Keymat	9792498
Screws	6290107
Display	9517289
PWB assy	0202094
C-cover module	9491335
Battery	0670352

Technical Specifications

General Specifications of Transceiver RH-27

Parameter	Specifications	
Cellular system	CDMA/AMPS, IS-19C, IS-98 IS-2000	PCS J-STD-018, J-STD-008, IS2000
TX frequency band	824.04 ... 848.97 MHz	1850 ... 1910 MHz
RX frequency band	869.04 ... 893.91 MHz	1930 ... 1990 MHz
Number of RF channels	832	1200
Channel spacing	30 kHz	50 kHz
Power levels	-50dBm to +25dBm CDMA, +8dBm to +26dBm AMPS	-50dBm to +23dBm

©2003 Nokia Corporation Confidential

Parameter	Mode	Value and unit
Talk time	Analog	up to 50min
Talk time	Digital	up to 2.4 hours
Standby time	Analog	up to 20 hours
Standby time	Digital	up to 10 days
Dimensions: length width		 105.8 mm - 4.17 inches 44.8 mm - 1.77 inches
Weight		86.7 g – 3.1 ounces

Supported Accessories

Type	Name	Code
BLD-3	Standard 780 mAh Li-ion Battery	0670352
ACP-7U	AC Travel Charger (US) 108-132 Vac	0675143
ACP-8U	AC Charger	0675196
ACP-12U	Rapid Performance Charger (US)	0675303
DDC-1	Spare Battery Charger	0675243
DCV-15	Desk stand with one-button synchronization	0675326
CARK-143	Advanced car kit	0080686
BHF-1	Headrest handsfree	0273278
LPS-4	Loopset	0630443
LCH-12	Cigarette Lighter Charger	0675328
HDB-4	Boom Headset	0694094
HS-5	Earbud Headset	0694121
HDS-3	FM Stereo Headset	0694093
HS-3	Fashion Stereo Headset	0694156
HS-10	Retractable Headset	0694126
DKU-5	USB cable	0273870

 ©2003 Nokia Corporation

©2003 Nokia Corporation